#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Adrian P. Wise et al.

Serial No. Not Yet Known

Filed: February 5, 2001

Art Unit: 2783 (anticipated)

For: MULTISTANDARD VIDEO Examiner: Follansbee, J. (anticipated)

**DECODER AND DECOMPRESSION** SYSTEM FOR PROCESSING **ENCODED BIT STREAMS** INCLUDING PIPELINE

§ § Attorney Docket No.: 9999999

PROCESSING AND METHODS

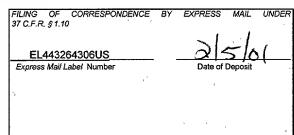
94100419(EP)USC1X1C1D8 PDDD

**RELATING THERETO** 

### PRELIMINARY AMENDMENT

**Box PATENT APPLICATION** Assistant Commissioner for Patents Washington DC 20231

Sir:



Prior to issuance of Serial Number 09/307,239 filed on October 7, 1997, and entitled MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING START CODES AND METHODS RELATING THERETO, applicant wishes to file a new divisional application thereon.

## In the Specification:

On page 1, line 1, please delete "DATA PIPELINE SYSTEM AND DATA ENCODING METHOD" and in place thereof, please insert new title:

--MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING PIPELINE PROCESSING AND METHODS RELATING THERETO--.

On page 1, lines 2-8, please delete "This is a continuation-in-part application of U.S. Serial No. (not yet known) filed February 2, 1995, which is a continuation application of Serial No. 08/082,291 filed June 24, 1993. This application claims priority from EPO Application No. 92306038.8 filed June 30, 1992, British Application No. 9405914.4 filed March 24, 1994 and British Application No. (not yet known) filed February 28, 1995." and in place thereof please insert the following heading and paragraph:

### -- CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional of U.S. Serial No. 09/307,239 filed October 7, 1997, which is a continuation of U.S. Serial No. 08/400,397 filed March 7, 1995, which is a Continuation-In-Part of U.S. Serial No. 08/382,958 filed February 2, 1995, now abandoned, which is a continuation of U.S. Serial No. 08/082,291 filed June 24, 1993, now abandoned.--

#### In the Claims:

Please add the following claims:

- A pipeline system for decoding a data stream of data having portions
  encoded according to different standards comprising:
- 3 a sequence of pipeline stages, at least one of the pipeline stages being
- 4 reconfigurable to operate according to the different standards;

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the at least one of the pipeline stages including processing circuitry with an active state which is entered when the data received by the at least one of the pipeline stages has a predetermined activation pattern, the predetermined activation pattern corresponding to one of the different standards;

the at least one of the pipeline stages including a state machine having a current state and a previous state; and

wherein the at least one of the pipeline stages is activated upon recognition of the predetermined activation pattern only upon a predetermined transition from the previous state to the current state.

- 2. The pipeline system of claim 1, wherein the processing circuitry has an inactive state, in which the at least one of the pipeline stages passes data to a following pipeline stage without processing.
- 3. The pipeline system of claim 1, wherein the sequence of pipeline stages includes at least one spatial decoder stage.
- 4. The pipeline system of claim 1, wherein the sequence of pipeline stages includes at least one temporal decoder stage.
  - 5. The pipeline system of claim 1, wherein the at least one of the pipeline stages is a spatial decoder stage.

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1 6. The pipeline system of claim 1, wherein the at least one of the pipeline stages is a temporal decoder stage.

# **REMARKS**

Should the Examiner believe that contact with Applicant's attorney would be beneficial to the disposition of this application, he is invited to contact Applicant's attorney at the telephone number listed below. The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 94-1175.

Respectfully submitted,

Date: 2/5/01

Richard Stokey Reg. No. 40,383

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